

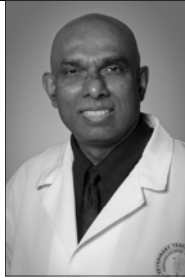


Newsletter

Spring 2011

IMPORTANT NOTICE:

Please find and read, the new General Information Guide on the ACT website. Residents and residency programs, MUST register with the ACT office (attention: Charles Franz) by March 31, 2011. Registration fee is waived for existing residents, however a registration fee of \$100 will be required for new residents and alternative route candidates registering after that date in 2011. The registration form is available online (in the GIG) and may be submitted via email (charles@franzmgt.com) or fax (334-270-3399). Payments may be made on line.



Report from the president...

Dr. Augustine Peter

Dear fellow diplomates,

Let me summarize the outcome of the recent Executive Board meeting deliberations.

Dr. Stuart Meyers, our Treasurer, reported the financial status of the College. We are in good shape, with a reserve fund which is twice the value of our annual budget. Thanks to Stuart and Franz Management for their efforts in keeping us fiscally viable.

Recommendations from various committees were discussed and approved. The Executive Board acknowledged the efforts of committees and their chairs as they shape the future of ACT.

The Scientific/Abstract Committee recommended that Dr. Ramanathan Kasimanickam serve on the committee for a four-year term and Dr. Maria Soledad Ferrer for a two-year, ad-hoc term.

The Examination Committee recommended that Dr. Michelle LeBlanc join the committee.

The Awards Committee named Dr. Ahmed Tibary as the winner of the 2011 Theriogenologist of the Year Award. Let us demonstrate our appreciation for Ahmed's service to the SFT, ACT, Theriogenology Foundation, and SFT student chapters, by attending the awards banquet on Thursday, August 11. Dr. Mushtaq Memon, nominator of Ahmed, will introduce Dr. Tibary at the banquet. Thanks Mushtaq.

The Awards Committee approved a request from the Colorado State University SFT student chapter for support from the ACT Student Outreach Funds (SOF) to enable Dr. Margaret Root Kustritz to visit their chapter. Thanks to the faculty advisor of the chapter, Dr. Patrick McCue, for coordinating this request. Furthermore, I encourage other faculty advisors to apply

to the SOF to enable ACT diplomates to visit SFT student chapters and increase student knowledge and enthusiasm regarding theriogenology. In the future, the SOF will be managed by the Theriogenology Foundation.

The Credentialing Committee reported that 23 applicants (17 standard route and 6 mentorship route) requested to take the 2011 ACT certifying examination – two more candidates than last year. Regarding species specialties chosen, there are 10 multispecies, 6 equine, 5 canine/feline, and 2 bovine. Thanks to the mentors for their efforts.

Dr. Dale Paccamonti will continue to represent the ACT at the ABVS for another 3 years. Thanks Dale for your ongoing efforts. Dr. Brinsko attended the ECAR board meeting and gathered information regarding the ECAR residency and re-certification requirements; this will be helpful for the Training/Credentialing Committee as the ACT prepares its guidelines. Thanks Steve for strengthening the ACT-ECAR bond.

Please plan to attend the upcoming SFT conference August 9-13th in Milwaukee. The name of the city is derived from *Miloaki*, which means *fine land* in Potawatami—we can further contribute to this fine land with our presence at the meeting! Dr. Gary Warner has organized a great program, with the able assistance of Franz Management. Since this is the 40th year anniversary of the ACT, Drs. Brinsko and Barber are organizing an event during the meeting to recognize the ACT charter diplomates. Thanks Steve and Jane for your ideas, time, and effort.

I would be remiss if I failed to reiterate what I wrote in my previous letter. It grieves me to witness the severe erosion of our discipline within teaching institutions; it is particularly disheartening to notice that a school has let go one of its theriogenologists.

(continued on page 2)



Included in This Issue:

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On a brighter note, it was so refreshing to observe a senior Purdue student, who had done his preclinical training in St. Mathew's, successfully collect a semen sample from a dog after I had been unsuccessful (due to the dog's small size and lack of an estrous dog). The student mentioned that he had a lab on this at St. Mathew's. I sent a note of appreciation to our own Dr. Bill Wagner, Dean of St. Mathew's. Bill was very modest, and immediately gave credit to Dr. John Dascanio, who had taught this student theriogenology. I take this moment to salute my colleagues who are striving very hard to maintain our discipline, including training students, in veterinary schools and channeling them to externships for additional training in theriogenology. We need to work very diligently to restore our discipline to the high profile that it enjoyed when the ACT was founded, 4 decades ago. I encourage everyone to increase their efforts to support undergraduate and graduate training in THERIOGENOLOGY – the heart of veterinary medicine.

The second issue that is profoundly disturbing is encroachment to the practice of theriogenology; my recent interaction with the SFT Board members revealed the seriousness of this issue. That persons who are not veterinarians are literally stealing theriogenology practice from veterinarians is shocking and untenable. Well beyond the immediate effects on the veterinary profession, this could have profound implications for animal welfare and human health issues.* We must support professionals providing theriogenology service to the public, as well as the policy makers who fight for the rights of practicing theriogenologists. We all must make a concerted and sustained effort to preserve our discipline and our rightful place in the delivery of theriogenology service.

* Hormonal and antimicrobial therapy in theriogenology practice: currently approved drugs in the USA and possible future directions. T. Modric, D. Momcilovic, W. E. Gwin, A. T. Peter (In Press, Theriogenology)

Reproducing Profitability: New Reproductive Science & Technology for Today's Dairy Farm



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PROGRESSIVE DAIRYMAN



SATURDAY, AUGUST 13, 2011

MILWAUKEE, WISCONSIN

7:45 am - 5:45 pm

Session Chair: Dr. Don Sanders

- ◆ **A new understanding of metritis in the dairy cow -**
Dr. Martin Sheldon
- ◆ **The use of ultrasound to predict the fertility on the uterus hormone potpourri -**
Dr. Milo Wiltbank
- ◆ **Effective treatment of uterine disease in certified organic dairy herds -**
Dr. Gustavo Schuenemann
- ◆ **Relative merits of pregnancy diagnosis via rectal palpation, ultrasound or Bioprynn blood test -** *Dr. James Ferguson*
- ◆ **The use of natural service or clean up bulls vs. AI in dairy herds—that is the question -**
Dr. Carlos Risco
- ◆ **New methods for preventing metritis & metabolic diseases with the transition dry cow nutrition program - Parts 1 & 2**
Dr. José Santos
- ◆ **Applying new advances in bovine genomics in your herd**
Dr. Kent Weigel



Thank you 2011
Therio Conference Sponsors
(as of 3.15.11)



theriogenology foundation
The Future of Animal Reproduction



Scientific Poster Abstracts

Exhibit Hall

(through out conference)

- Dr. Temitope Ajadi* - Renal cystadenocarcinoma arising from ovarian adenocarcinoma in a three year old Doberman bitch
- Dr. Tonya Collop* - Mycobacterium intracellulare isolation from equine fetal membranes
- Dr. Tulio M. Prado* - Evaluation of a modification of the McKinnon technique to correct urine pooling in mares: Surgical technique to correct urovagina in mares
- Dr. Deiler Sampaio Costa* - Fixed-time AI pregnancy rate following insemination with frozen heterospermic semen
- Dr. Cristina Gobello* - Effect of unilateral orchidectomy on testicular characteristics of the domestic cat
- Dr. Jacobo Rodriguez* - Effect of semen type, inseminate volume, and sperm numbers on post-breeding inflammation in mares
- Dr. Marco Alvarenga* - Comparison between centrifugation and filtration process to concentrate stallion sperm before cooling

Welcome to the Class of 2010 Diplomates!

Drs. Ryan Ferris, Ghislaine Dujovne Hazan, Heath King, Cindy Maenhoudt, Semira Mancill, Hernan Montilla, Cynthia O'Connor, Simon James Robinson, Jacobo Sebastian Rodriguez, Swanand Ramesh Sathe, Valeria Tanco

2010 Exam Statistics Would you like more information and statistics from the certifying exam data? Please visit the ACT website and follow the link "Becoming a Diplomate."

<u>Species</u>	<u>Sat the exam</u>	<u>Passed the exam</u>
Multi-species	11	6
Equine	6	4
Bovine	3	0
Companion Animal	1	1
TOTAL	21	11 (54%)

American College of Theriogenologists

COUNTRY	ACTIVE	EMERITUS	HONORARY	TOTAL
United States	281	49	17	347
Canada	43	3	1	47
Argentina	1			1
Australia	14			14
Brazil	1			1
Colombia	1			1
Denmark	1			1
France	1			1
Germany	2			2
Jordan	3			3
Malaysia	1			1
Netherlands	1	0	1	2
New Zealand	6			6
South Africa	7			7
Sweden	0	1	1	2
Switzerland	1			1
United Kingdom	2		1	3
Venezuela	0	1	0	1
Totals	366	54	21	441

Breakdown By Employment Type

ACADEMIA	152	PRIVATE PRACTICE	124
GOVERNMENT	13	RETIRED	56
INDUSTRY	24	NOT NOTED	58
OTHER	14		



ACT Members - Special Subscription Rate
THERIOGENOLOGY
An International Journal of
Animal Reproduction

Members of the American College of Theriogenologists are entitled to a personal subscription to *Theriogenology* at a special reduced price (\$233 in United States; \$267 in all other countries).

As an ACT Member Subscriber, you will receive 18 issues per year and access to full content online back to 1995.

For more information visit
www.theriogenology.org.

The ACT Scientific Abstract Committee would like to thank all colleagues that have submitted an abstract for consideration for our 2011 Annual Conference in Milwaukee, WI. This year, a total of 49 scientific abstracts were submitted in the competitive (n=18) and non-competitive (n=31) categories. In addition, the number of submissions was fairly balanced between species: 22 for equine, 14 for food and fiber animals, and 13 for small animals. Abstracts were reviewed anonymously by each member of the committee, according to the criteria published in the SFT and ACT websites, and the highest scoring abstracts were selected for presentations. Moreover, seven abstracts of good scientific quality and/or clinical relevance were selected to be presented in poster format. These posters will be on display in the Exhibit Hall throughout the Conference.

As usual, the 2011 Conference will begin with presentations of the Happy Hour Abstracts on Tuesday evening. These are the top scoring abstracts in the non-competitive category and should be an exciting session! The Competitive Abstract

Scientific Abstract Committee Report...

Session will follow on Wednesday and will include the top eight abstracts submitted by gradu-

ate students and residents. These oral presentations will be evaluated by members of the Committee and the abstract with the highest combined score (written and oral) will be considered the winner. On Thursday, abstracts will be presented in concurrent species-specific sessions: equine, food and fiber animals, and small animals.

The Committee would like to welcome our new members: Ramanathan Kasimanickam (4 year term, food animal emphasis) and Maria Soledad Ferrer (2 year term, ad hoc member)! The new members are replacing, Marco Coutinho da Silva and Kristina Lu, respectively. The Committee is grateful for all the hard-work of the outgoing members. We would like to extend a special thanks to Marco Coutinho da Silva serving as past-chair and for all his guidance and support to the committee during this past year.

Next year we will seek nominations for a regular member with an emphasis in Small Animal Theriogenology and for a new ad hoc member. These nominations are open to all ACT diplomats with an interest in basic or applied Theriogenology research and that are willing to further the dissemination of scientific information within the College and the Society.

In closing, I would like to thank my colleagues in the Scientific Abstract Committee for all their dedication and effort in preparing a multi-species and high-quality scientific program for the 2011 Annual Conference. In addition to the two outgoing members, the committee is joined by Sara Lyle, Dietrich Volkmann and Erica Gee. We also would like to thank Dr. Charles Franz and his office staff for all the support provided to the Committee!

We look forward to seeing you in Milwaukee!

Cheers,

Michelle Anne Kutzler

Chair, ACT Scientific Abstract Committee

FROM THE CREDENTIALING COMMITTEE...

Karen Wolfsdorf, DVM, Dip. ACT

The Credentialing Committee (Bruce Christensen, Chuck Estill, Milan Hess, Gary Nie, Ahmed Tibary, Brian Whitlock, and Karen Wolfsdorf) is proud to announce that the new General Information Guide (GIG) is posted on the ACT website. A lot of time and effort was put into the creation of the GIG and this committee urges all diplomats and candidates to please familiarize themselves with it.

Also note that registration of residents and residency programs is required by March 31st, 2011. Residents and mentorship program candidates will need to submit a registration fee when applying after that time period. These guidelines are only the beginning of a long path ahead when looking towards standardization and specifics. It is a task to which the committee is dedicated to help improve and grow our college. Further endeavors entrusted to this committee will include clearly defining candidate training programs as well as identifying and implementing a recertification process. It is very likely the AVMA American Board of Veterinary Specialties (ABVS) will require recertification in the near future. However, this will only apply to new diplomats receiving certification after the implementation date.

This is a new committee with a lot of work ahead of it, but we are excited and up for the challenge.

Nominees for Officers and Directors of the College

The newly elected vice-president will assume the offices of president-elect and president in 2012 and 2013, respectively. Please mark the enclosed ballot and return in the pre-addressed envelope. Your ballot should be mailed in order for it to reach the ACT office by June 15, 2011.

Vice-President

Dr. Gary Althouse, I received my BS degree from Sul Ross State University, MS from Texas A&M University, and completed a combined program leading to both DVM and PhD degrees at Iowa State University in 1994. From 1994-2001, I served on the faculty at the University of Illinois (UI) in the Ambulatory/Theriogenology section. While at the UI, I completed a non-traditional residency program, becoming an ACT Diplomate in 1995. In 2001, I joined the faculty at the University of Pennsylvania (Penn), School of Veterinary Medicine as an Associate Professor of Swine Health and Reproduction in the Department of Clinical Studies. Shortly after arriving, I assumed responsibilities as Head of the Section of Reproductive Studies and the endowed Georgia & Philip Hofmann Research Center for Animal Reproduction. In concert with my research interests in comparative male reproduction, I founded the Reference Andrology Laboratory (www.vet.upenn.edu/andrology), which currently provides clinical services to a multitude of species. I became a Full Professor in 2005, and most recently became holder of the Marion Dilley and David George Jones Chair in Animal Reproduction.

Part of my career has been in the area of executive leadership, with training from both the UI and Penn's Wharton School. Currently, I serve as Chairman for the Department of Clinical Studies – New Bolton Center, one of the largest departments at Penn Vet. I served on the Board for the Society for Theriogenology for seven years, achieving the presidency in 2002. I believe that from my collected experiences, I will be well suited to lead the ACT. In addition to learning diplomacy and facilitating delegation, I have come to recognize the need to assume primary responsibility for the direction of a program - large or small. I have been a member of the ACT for 16 years, and feel that I have an understanding of the needs of the members, the people we serve, our profession, and our specialty. My goal, if elected, will be to validate our college's future by redefining the limits of the specialty, expanding its borders to embrace new technologies and disciplines, and in broadening the understanding of the role of the Theriogenologist in general practice.

Dr. Rich Linhart is running for vice president of the American College of Theriogenologists and is a senior veterinarian with the Pfizer Animal Health Beef Veterinary Operations team.

Prior to joining Pfizer in 2007, Dr. Linhart spent 20 years as owner of Simpsonville Animal Hospital in Simpsonville, Ky., a cow calf, stocker and exotic animal veterinary practice. He received his veterinary medical degree in 1983 from Purdue University in West Lafayette, IN, completed a theriogenology residency at University of Missouri and the Beef Production Medicine Course at the University of Nebraska.

Dr. Linhart specialized in advising clients on estrus synchronization programs and helping them implement these programs to optimize results of artificial insemination and embryo transfer. He

also put his expertise in production medicine to work in the areas of prevention and control of neonatal diseases, stocker cattle health management, parasite control and reproductive herd health, including use of ultrasound reproductive evaluation in bison, cattle and small ruminants.

Linhart is a member of the American Association of Bovine Practitioners, Society for Theriogenology, Academy of Veterinary Consultants and the American Veterinary Medical Association. Rich achieved diplomat status in the American College of Theriogenologists in 1988 via the residency route and has served the College on the examination, mission, education and nomination committees and currently serves on the Theriogenology Foundation Board of Directors.

Rich is also interested in exotic animals, including elk, deer, bear, bobcat, alpacas and exotic swine. He's has worked with the Louisville Zoo on hoofed stock and marine mammals and with the Kentucky Department of Fish and Wildlife where he was responsible for the veterinary care of bison, elk, deer, black bear, bobcat and reptiles.

Rich is also an avid hunter, mule rider and avid metal artist with a primary interest in welded metal sculpture. He and wife, Jutta, hand-built their log cabins in Simpsonville, KY and Boise, ID and have 4 children.

Executive Board Member

Director-At-Large

Dr. Theresa Ellen Burns, DVM WCVM, 1996, DipACT 2000 (through residency at WCVM), MSc. WCVM 2000PhD OVC 2010. To me, the ACT is a group of experts who are willing to freely share their knowledge and experience with each other through the listserve, and with students, other veterinarians and animal owners through teaching, day to day practice and conferences. I have been the recipient of much expertise and support from ACT members throughout my career and have decided to stand for a position on the ACT board because I would like the opportunity to give back to an organization I am very proud of.

About me...So far in my career, I have been lucky enough to practice a diverse range of veterinary medicine. My first years were spent in rural mixed practice in the Canadian prairies and included lots of reproduction work with beef and PMU herds. After completing a theriogenology residency in Saskatoon, I worked for about 9 years in full and part-time equine practice in BC, doing lots of mare and foal work. In 2003, I spent 6 months doing veterinary medicine/ development work in Bolivia, where I was able to use my porcine and bovine theriogenology knowledge more than I expected. In October of 2010, I completed a PhD in epidemiology at the Ontario Veterinary College. I am currently working part-time as a post-doctoral fellow at the University of Calgary. I enjoy sharing ideas with colleagues and teaching. I am married to a great husband and have one young daughter. For fun I ride with the Fraser Valley Hunt, play soccer, and try to grow things on our hobby farm outside Vancouver, British Columbia.

My vision is simply to support the ACT in continuing to operate as a voice for the promotion of professional excellence and teaching and research into animal reproduction.

Here is a list of things I would bring to the position of Director at Large:

1. Passion for the ACT and Theriogenology
2. Understanding of university, public and private practice perspectives
3. Ability to commit time to the position

(continued from page 5)

4. Easy going and positive attitude
5. Strong knowledge of research methodology
6. Good technical writing and reviewing skills

Dr. Lloyd H Kloppe received both BS in Animal Science (1977) and DVM (1980) from the University of Missouri. He became a Diplomat in 1987 and has worked at an Equine only private practice since 1988.

I was in private practice from 1980-1984. I then completed a Theriogenology residency at Texas A&M University from 1984-1987. In 1988 I established Durango Equine Veterinary Clinic, which is currently a 4 doctor equine only practice with a heavy emphasis on reproduction.

Activities:

- ◆ Director of Central Arizona's Veterinary Medical Association 1992
- ◆ Arizona's State Veterinary Medical Examining Board Member 1995-2000
- ◆ Director, officer including president for the Society for Theriogenology 1992-2000
- ◆ AVMA Council on Veterinary Services, Equine representative, 2000-2006.

I look forward to serving on the ACT board. My years of experience as a private practitioner give me a great perspective on what is available to the diplomats in private practice. I think it is very important to continue our strong working relationship with the Society for Theriogenology by being the recognized source of information on veterinary reproduction. It is very important for our future to market ourselves by mentoring to the current veterinary students while they are deciding what direction their career should take. I consider it an honor to be asked to serve on the board and look forward to the experience.

Dr. Carlos R. F. Pinto received his veterinary degree from the Universidade Estadual Paulista (UNESP, Jaboticabal, São Paulo, Brazil) in 1986, and is seeking the position as an Executive Board Member Director At Large.

Upon his graduation in 1986, he was hired as full time veterinarian working for Guten Tag Dairy Farm in Sao Paulo, Brazil, followed by a solo practitioner career that spanned from 1987 until 1995. In 1995, he began in a three-year Theriogenology residency at the School of Veterinary Medicine, Louisiana State University (LSU) and became a Diplomat in the American College of Theriogenologists (ACT) in 1997. Continuing to work at LSU through a Clinical Fellowship after the completion of the residency program, he obtained in 2001 a PhD degree in Reproductive Physiology. From 2002 through 2008 he was an assistant professor of Theriogenology in the College of Veterinary Medicine at the North Carolina State University. He is currently an associate professor and service head of Theriogenology and Reproductive Medicine in the Department of Veterinary Clinical Sciences, College of Veterinary Medicine at the Ohio State University. The species of emphasis of teaching and clinical services include Food and Fiber Animals (bovine, small ruminants and alpacas) and Companion Animals (Equine, Canine and Feline). Dr. Pinto believes that teaching veterinary students and training residents in theriogenology are the foundation for a strong and active College. He also believes that the College, being named after a word (theriogenology) that the public and even veterinary students don't fully understand (and often misspell it), will benefit from proactive and constant education at veterinary colleges to

promote and bring national recognition to the specialty of theriogenology and its relevance to veterinary medicine. He believes that the ACT and Society for Theriogenology have a unique collaborative structure and their combined efforts are key to promote education and advance our specialty. As a member of the Executive Board, he intends to assist with the college's current efforts to develop and establish higher standards to define our residency programs, and to better define the requirements and guidelines for those seeking board certification through the alternate route.

Treasurer

Dr. Bruce Eilts obtained a Bachelor of Science in Veterinary Science in 1975 and his Doctorate in Veterinary Medicine in 1977, both from the University of Minnesota. He was in a small animal private practice for 1 year before returning to the University of Minnesota to do a Theriogenology residency and a Master of Science. He received his Master of Science in Theriogenology in 1982. After two and one half years in a dairy practice in southern California he came to Louisiana State University as an assistant professor in 1984. He became board certified in the American College of Theriogenologists in 1986. He was elected Treasurer and appointed to the Executive Board of the American College of Theriogenologists in 1996. He was elected as the Louisiana District 9 Representative to the Louisiana Veterinary Medical Association in 2006, elected as Vice-President of the Louisiana Veterinary Medical Association in 2007, then continued as President-Elect in 2008, and then President of the Louisiana Veterinary Medical Association in 2009. He is currently a Professor of Theriogenology at Louisiana State University. He has published on bovine, canine, and equine reproduction topics. His research interests include canine and equine reproductive breeding management.

Fred Lehman, DVM, MABM, DACT, PMP is a candidate for American College of Theriogenologists Treasurer. Fred received his DVM from Oklahoma State University in 1980 and subsequently established a mixed practice in Perryton, TX. He became a diplomat with the class of 1993 following a residency at Mississippi State University. With practice, academic and industry experience, he has a unique skill set that can contribute to the success of the ACT. Since leaving a faculty position at Mississippi State University, he has been employed in industry with focus on Business Development as well as technical support of Cattle Products. His current position is Technical Manager, Cattle segment at Boehringer Ingelheim Vet-medica, Inc. in St. Joseph, MO. Fred is accountable for forecasting and tracking all expenses associated with Phase IV research for the BIVI cattle segment as one area of his responsibility.

Fred holds a Master of Agri-Business Management degree and has leveraged that education to link the business of agriculture with veterinary medicine, e.g. Production Medicine. These skills have been used to justify management practices in agribusiness enterprises as well as making a business case for new veterinary pharmaceuticals and vaccines. Bringing tools to the veterinary profession is a source of personal pride, as it draws on the diverse training required of a Theriogenologist and requires business acumen. Both are important for the role of ACT Treasurer, as well. Fred is also certified as Project Management Professional which has been utilized to manage diverse teams in a matrixed organization. He has served as SFT Director as well as President in 2004. "It would be a great honor to serve the ACT as Treasurer."

(continued on page 8)

Dr. Ahmed Tibary Receives 2011 Theriogenologist of the Year

Ahmed Tibary, DACT has been "Theriogenologist of the Year" award! Dr. Tibary has been a both the American gists and the Soci-through his dedi-



DVM, MS, DSc, PhD, selected for the 2011 the Year" award! Dr. tremendous asset to College of Theriogenology for Theriogenology cated service. He has also made a tremendous impact on the field of theriogenology through his endless contributions in teaching, presentations, and published books, chapters and scientific articles.

In the College Dr. Tibary has served as president (2008-2009) and as Chair of both the Residency Requirement Committee and the Species Focus Committee on Small Ruminants and Camelids. In the Society he has served in the following areas: Publication Committee, Board of Directors (2001-2004), the Committee on Animal Welfare and as Chair of the Small Ruminant Symposium for both the 2003 and 2008 SFT/ACT Therio Conferences. Dr. Tibary is also very involved in several other national and international groups and associations including the Washington State Veterinary Medical Association, American Veterinary Medical Association, Center for Reproductive Biology (WSU), American Association of Small Ruminant Practitioners, American Association of Equine Practitioners, American Association of Bovine Practitioners, American Association of Veterinary Clinicians, National Veterinary Medical Association (Morocco), Moroccan Association of Veterinary Educators and Researchers (Morocco), National Buiatrics Association (Morocco), and is a founding member of the following associations: International Society for Camelid Research and Development (France), Moroccan Association of Equine Practitioners (Morocco), and the International Association of Camel Research and Practice (India).

In 1998, Dr. Tibary joined the College of Veterinary Medicine at Washington State University (WSU) where he is a professor and heads the camelid, equine and ruminant Theriogenology service. In his time at WSU he has been honored with numerous awards including the Carl J. Norden Outstanding Teacher Award (2001, 2005), Westcott Clinical Teaching Scholar (2000, 2001, 2002, 2003, 2004, 2005, 2006, 2008) and the Newberry Teaching Scholar (2001, 2002, 2005). During his years at WSU Dr. Tibary has been a mentor to undergraduates, interns, residents and graduate students.

In addition to his almost endless accomplishments, Dr. Tibary is internationally renowned for his work on camelids and horses. Prior to arriving at WSU he worked as the Scientific Director of the Veterinary Research Center in Abu Dhabi in the United Arab Emirates from 1992 to 1998, where he was in charge of developing a referral center for the management of infertility, artificial insemination and embryo transfer in Arabian horses and racing camels.

Dr. Tibary received both his Doctor of Veterinary Medicine degree (1980) and his Doctorate of Science in Animal Production (1988) from the Institute Agronomique et Vétérinaire Hassan II in Morocco. At the University of Minnesota he completed his Master of Sciences in Theriogenology (1984) and his PhD in Theriogenology (1989) shortly before becoming a Diplomate of the ACT in 1991.

**THERIOGENOLOGIST
OF THE YEAR**



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DR. DWIGHT WOLFE-BARTLETT AWARD

**DR. CHERYL LOPATE-DR. JOHN STEINER
AWARD FOR EXCELLENCE IN PRACTICE**

ACT 40TH ANNIVERSARY CELEBRATION!!



Dear Fellow Diplomates,

The executive boards of the ACT, SFT and Theriogenology Foundation would like to send out a special invitation for you to join us at this year's annual ACT/SFT symposium in Milwaukee. In addition to the regular scientific and social programs this year, we are also celebrating the 40th anniversary of the ACT. Special accommodations for Charter Diplomates are being made for the meeting and we hope that as many ACT Diplomates as possible will be able to join us to honor these pioneering individuals. We would also like you to contribute any anecdotes or copies of photographs of these individuals or the College's early days to be included in a Power-Point loop that will be projected at various times and gathering locations during the course of the symposium. If you have and are willing to share any of these materials please do not hesitate to contact one of us. We look forward to seeing each of you in Milwaukee.

Sincerely,

Steven P. Brinsko sbrinsko@cvm.tamu.edu

Jane Barber drjanebarber@aol.com

Charles Franz charles@franzmgt.com

2011 ACT EDUCATOR'S FORUM

Tuesday, August 9th

1:30 - 4:30 pm

Conference chairs: Drs. Margaret Root Kustritz & Stuart Meyers

Interactive workshop looking at determination of core content

Dr. Jared Danielson

Review of core therio curriculum - Drs. Ahmed Tibary & Stuart Meyers

How evaluation & implementation of what is core is associated with accreditation

Dr. Margaret Root Kustritz

International teaching and research opportunities

Sponsored by Fulbright Scholar Program— *Dr. Mushtaq Memon*

General discussion - Plan for going forward

Sponsored by:



(continued from page 6)

Honorary Member

Dr. William (Bill) T. K. Bosu is nominated for an honorary membership in the American College of Theriogenologists for his exceptional contributions to knowledge in theriogenology. During his years of study Dr. Bosu published 90 peer-reviewed papers in *Theriogenology* on the following topics:

- ◆ pioneering work in primate reproductive endocrinology
- ◆ unique approach to contraception in felines
- ◆ landmark studies in postpartum cow reproduction
- ◆ championing studies dealing with reproductive disorders in different livestock species and use of reproductive hormones in theriogenology practice

Further, Bill Bosu contributed to the growth of theriogenology by supervising 11 MS students, 4 PhD students and 3 residents, and by serving on 19 graduate student committees and 3 resident committees.

Bill Bosu is a 1963 DVM graduate of the Ontario Veterinary College and completed his MSc in Animal Reproduction in 1970 at the same college. In 1974, Bill earned his PhD, specializing in Reproductive Endocrinology from the University of Uppsala in Sweden.

Bill Bosu served on faculty at his Alma Mater in Canada and at the University of Wisconsin-Madison School of Veterinary Medicine (UW-SVM) and was instrumental in building theriogenology programs in these schools. Dr. Bill Bosu chaired the Department of Medical Sciences in the UW-SVM for 9 years (1988-1995) and during this period (1992-1993) Bill also served as an interim Associate Dean of Clinical Affairs.

FAMILY FUN NIGHT

Milwaukee Public MUSEUM

Wednesday, August 10, 2011

Since its beginning in 1882, the Milwaukee Public Museum (www.mpm.edu/) has become one of the largest in the United States, now housing over 6 million specimens. The museum is a compilation of human and natural history providing a dynamic and stimulating environment for learning, with something to excite and challenge visitors with a diversity of interests.

Do not miss out on this fun filled night sponsored by **Intervet Schering-Plough**. In addition to all the great exhibits, including the amazing Butterfly Vivarium, there will be a wide variety of amazing food! This is sure to be a fun filled evening with family and friends! Tickets are only \$30. Advance tickets are required.

SPONSORED BY:



For more information, visit www.therio.org or call (334) 395-4666

From the ACT Certifying Examination Committee:

Bruce Hollett, DVM, MS, Diplomate

The Exam Committee of the ACT met in St. Augustine Beach, Florida, from January 4-8, 2011. The following committee members were in attendance: Drs. Reed Holyoak (past chair), Mary Beth Stanton (chair), Sherrie Clark-Deener (vice chair); Jack Smith, Leo Brito, Kara Kolster, and Bruce Hollett (secretary of the ACT).

The review of multiple-choice questions began in earnest Tuesday afternoon with effort spent in checking grammar, question terminology and documentable references. The editing process continued for the remaining days and evenings until all questions assembled from the pool of core in all areas (general and species specific) were reviewed.

A report from the ACT office indicated candidates for the fall 2011 examination had chosen multi species, bovine, equine and small animal.

Comments were made concerning the SMT Bank software and previous difficulties. The acquisition of dedicated laptops for committee use has helped tremendously. Since Dr. Stanton lives so close to the Florida company, she has traveled to Dunedin a few times and then started using GoToMeeting™ with them to correct issues without added expense to the College. There remain some glitches with differing versions of Microsoft Word, but the incompatibilities of last year have now decreased and the software itself is very good. Backup hard drives were used during the preparation time. Multiple choice questions are graded on scan sheets and then the statistical data from each question is incorporated into the data bank.

The development of new questions and acquisition of new images progresses slowly with few respondents replying to the call for additional material.

Dr. Reed Holyoak will leave the examination committee, and the committee acknowledged his wide range and depth of expertise, thanking him for facilitating the acquisition of the laptop computers. During the editing process, he provided many added references and experience in question writing and phraseology.

The certifying examination committee, again this year, would like to extend its

deepest appreciation to Dr. Mary Beth Stanton for her excellent culinary skills and providing dinners and food during our confinement in the rain, wind, cold and late sunshine.

The 2011 ACT Certifying Examination will be given on August 8-9 immediately prior to the SFT ACT annual conference in Milwaukee, Wisconsin.

Respectfully submitted,

R Bruce Hollett, DVM MS DipACT
Secretary

3rd Annual Theriogenology

Foundation Silent/Live Auctions!

Plan to attend the Third Annual Theriogenology Foundation Live & Silent Auction during the annual conference, Thursday evening, August 11, 2011. This event is held in conjunction with the Therio Awards Banquet and benefits the Foundation for the support and advancement of Theriogenology. Auction donations from the membership are encouraged and greatly appreciated. Please contact Melissa with donation information - item description and estimated value - Melissa@franzmgt.com. Advance tickets are required for the awards dinner, but not for the auctions. For ticket information visit:

www.therio.org

FRIDAY NIGHT BASEBALL



Friday, August 12, 2011

Don't miss out on the great seats in section 213 for the Milwaukee Brewers game against the Pittsburgh Pirates.

Group tickets are \$38 each and can be purchased with your conference registration. Ticket price does not include food or beverage.

<http://milwaukee.brewers.mlb.com>



Small Ruminant Symposium

SATURDAY, AUGUST 13, 2011

MILWAUKEE, WISCONSIN

8:00 am - 4:00 pm

- ◆ **Reproductive anatomy and physiology of whitetail deer and other select cervids, sheep & goats -**
Dr. Sherrie Clark-Deener
- ◆ **Synchronization of estrus of whitetail deer and other select cervids, sheep & goats -**
Dr. Manoel Tammassia
- ◆ **Anesthesia of whitetail deer & others for transcervical AI, laproscopic AI & semen collection -**
Dr. Jordyn Boesch
- ◆ **Equipment & techniques for transcervical AI & laproscopic AI in small ruminants -**
Dr. Clifford Shipley
- ◆ **Collecting & processing semen from cervids, sheep & goats -**
Dr. Manoel Tammassia
- ◆ **Epididymal sperm harvest & freezing -**
Dr. Jacques Fuselier
- ◆ **Semen handling for insemination in the field. Splitting straws, loading the equipment & juggling 8 straws at a time -**
Kim Kensell, CVT



Happy Hour Abstracts
Tuesday, August 9, 2011

Dr. Charles Estill - Brain masculinization is independent of genital masculinization in the fetal sheep

Dr. Cristina Gobello - Effect of deslorelin implants on domestic queen puberty: a preliminary report

Dr. Andrew Schmidt - Effects of a 200-µg dose canine gonadotropin releasing hormone on mares

Dr. Shaundra Epperson - Determination of canine placental blood flow using pulsed wave Doppler ultrasonography

Dr. Natali Krekeler - The role of strain-specific adhesin genes in binding of pyometra-inducing *E. coli* to canine endometrium

Dr. Edward L. Squires - Safety and efficacy of controlled release deslorelin acetate product (SucroMate™) for induction of ovulation in mares

Dr. Sandra L. Ayres - Three day progesterone priming protocol for synchronization and superovulation of goats during transition

Dr. Marco A. Coutinho da Silva - Parturition increases serum amyloid A concentration in healthy pregnant mares

Dr. Jerry Rains Memorial
Abstract Competition

Wednesday, August 10, 2011

Sponsored by Intervet Schering Plough
Animal Health

Dr. David Scofield - Equine endometrial concentrations of fluconazole following oral administration

Dr. Lisa K. Pearson - Effects of seminal plasma on frozen-thawed stallion epididymal semen plasma membrane integrity

Dr. Laura Sahlfeld - Isolation and primary cell culture of canine trophoblasts

Dr. Alicia Lindholm - Serum microRNA profiles in cycling mares and mares with granulosa cell tumors

Dr. Ghislaine Dujovne - Effectiveness of etonogestrel implants on estrus suppression in mares

Elizabeth M. Woodward - Susceptibility to delayed uterine clearance after breeding: relationship to endometrial biopsy score and age, and variations between seasons.

Dr. Lewrell Strickland - Surface architectural anatomy of the penile and preputial epithelium of bulls

Brandon Forshey - Effects of Lactoferrin on post-breeding uterine inflammation in the mare

Equine Abstracts
Thursday, August 11, 2011

Dr. Katherine G. Naughton - The use of ceftiofur sodium in the extension and cooled storage

of equine semen: its effects on motion characteristics, PH and osmolality

Dr. Dawne Salkeld - Acupuncture as an alternative treatment for persistent breeding induced endometritis in mares

Dr. Camilla D. Baagoe - *Streptococcus equi* subsp. *zooepidemicus* isolates from infectious endometritis belong to a distinct genetic group as assessed by pulsed-field gel electrophoresis

Dr. Mette Christoffersen - Endometrial gene expression of inflammatory cytokines and serum amyloid a in mares resistant or susceptible to persistent endometritis

Dr. Francois-Xavier Grand - Decreased competence of uterine response to uterine lavage with lactated Ringer's solution in diestrus and clenbuterol treated mares

Dr. Ryan A. Ferris - Development of a broad range qPCR assay to detect and identify fungal DNA in equine endometrial samples

Dr. Kendra Rock - Detectable differences in the endometrial microbiome between normal and susceptible mares using metagenomic profiling and conventional bacterial culture

Dr. Michelle Kutzler - Effects of porcine zona pellucida (pZP) vaccination with SpayVac® using three different adjuvants on ovarian activity in mares

Production Animal Abstracts
Thursday, August 11, 2011

Dr. Farhad Ghasemi - Pro-inflammatory cytokine gene expression in endometrial cytobrush samples harvested from cows with and without subclinical endometritis

Dr. Sherrie G. Clark - Reduction of testis size in postnatal pigs using a Depot progesterin

Dr. Yessenia Picha - Evaluation of stress response to electrojaculation in anesthetized apacas

Dr. Isaac Bott - Preliminary results of estrous synchronization and timed artificial insemination in domesticated reindeer (*Rangifer tarandus*)

Dr. Shaundra Epperson - Effects of a canine gonadotropin releasing hormone (GnRH) vaccination on male reindeer

Dr. Rodolfo Luzbel de la Sota - Puerperal metritis in dairy cows: risk factors, efficacy of Ceftiofur therapy and reproductive efficiency

Dr. Rodolfo Luzbel de la Sota - Clinical endometritis in dairy cows: risk factors and reproductive efficiency

Small Animal Abstracts
Thursday, August 11, 2011

Dr. Timothy Hazzard - Late gestation hematology and serum biochemistry ranges in the canine fetus

Dr. Loris Commin - Assessment of tissue functionality after xenografting of canine ovarian cortex

Dr. Cristina Gobello - A single administration

of a GnRH antagonist inhibited canine gonadal axis functionality during 14 days

Dr. Erika Christina Oliveira - Oral administration of an anti-inflammatory drug does not compromise the efficacy of intrastitular injection of zinc gluconate as a contraceptive for dogs

Laure Gatel - Accurate prediction of the timing for parturition and of the kittens birth weight

Student Case Presentations
Wednesday, August 10, 2011

Please see web site for topic details
www.therio.org

Student Outreach Program

Through the generous support of the ACT the Theriogenology Foundation is able to provide the Student Outreach Program. Through this program Dr. Ahmed Tibary spoke to the Iowa State University College of Veterinary Medicine SFT Student Chapter over a lunch hour on Tuesday, February 8th. During his talk, "Development of a Large Scale Embryo Transfer Program in Camels," he discussed the many reproductive similarities and differences between old world camelids and other domestic species and stressed the importance of comparative theriogenology. His main message to the students was to think about what they already know and apply that knowledge when they come across a situation or species in reproductive work that they are unfamiliar with.

In addition to his presentation to the students, Dr. Tibary also presented a half day seminar at the Iowa VMA Winter Conference on Wednesday, February 9th, on camelid infertility and reproductive emergencies. Students were allowed to attend if their schedules allowed and the Iowa VMA was generous enough to provide Dr. Tibary's proceedings to the entire SFT student chapter at no charge.

One evening Dr. Tibary and Dr. Bruce Christensen took the time to have a round table discussion with a group of the students over dinner where they shared their work experiences and the students shared a variety of interests including equine, beef, dairy and exotic species.

The SFT Student Chapter at Iowa State University is very grateful for Dr. Tibary's visit and for the Student Outreach Program making his visit possible.

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Exam - Drs. Mary Beth Stanton (chair),
Bruce Hollett (secretary), Reed Holyoak
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(vice-chair), Leonardo F.C. Brito, Kara
Kolster

Scientific Information/Abstract -
Drs. Michelle Kutzler (chair), Kristina Lu
(ad hoc), Erica Gee (ad hoc), Sara Lyle,
Dietrich Volkmann, Marco A. Coutinho da
Silva (past-chair)

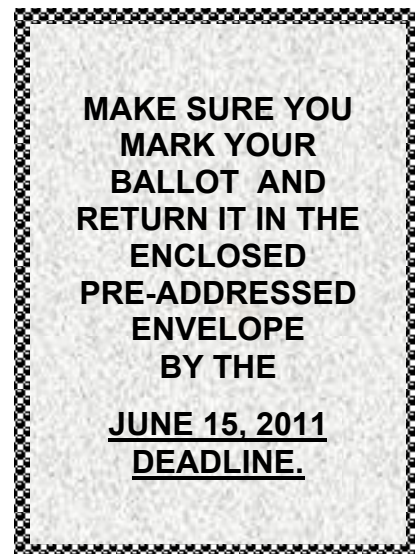
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(chair), Claire Card, Gary Nie, Chuck
Estill

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John Dascanio, Rob Gilbert, Fiona
Hollinshead, Sara Lyle, David Pugh

Awards Nominating (2012) - Drs. Claire
Card (chair), Christopher Berezowski,
Rodney Christmas, Hannah Galantino -
Homer, Shawn Haas, Audrey Kelleman,
Mushtaq Memon

Mission - Drs. Travis Meredith (chair),
Mario Baracaldo, Jane Barber, Leonardo
F.C. Brito, Bruce Christensen, Justin
Hayna, Ram Kasimanickam, Amanda
Ragan, Jeanette Raikos, Peggy Root
Kustritz, Devon Strickland, Anne Traas

Training/Credentialing - Drs. Gary Nie
(2011), Bruce Christensen (2013), Milan
Hess (2014), Charles Estill (2011),
Ahmed Tibary (2016), Brian Whitlock
(2015), Karen Wolfsdorf (2012- chair)



Annual Conference

Milwaukee, WI • Aug. 9 - 13, 2011

Special Events...

Tuesday - August 9

2:00 p.m. ACT Educator's Forum
*Sponsored by: The Theriogenology
Foundation*

5:00 p.m. Happy Hour Abstracts

7:00 p.m. Happy Hour Abstracts
Reception

Wednesday - August 10

8:00 a.m. Bartlett Address

9:00 a.m. Dr. Jerry Rains Memorial
Competitive Abstracts - *Sponsored by:*
Intervet Schering - Plough

11:00 a.m. SFT Business Meeting

1:30 p.m. ACT Business Meeting
3:30 p.m. Student Case Presentations
Sponsored by: Pfizer Animal Health

4:30 p.m. Exhibit Hall Open-Reception
6:30 p.m. Family Fun Night
Sponsored by: Intervet Schering-Plough

Thursday - August 11

8:00 a.m. General Session

6:30 p.m. - 9:00 p.m. THERIO Awards
Banquet & Theriogenology Foundation
Silent & Live Auction

Friday - August 12

6:30 p.m. Milwaukee Brewers baseball
game

August 9-13, 2011

2011 THERIO CONFERENCE

- General Session:** Information resources and searching techniques for the veterinarian
Dr. Andre Nault
Metritis - *Dr. Martin Sheldon*
Therigenology to enhance animal well being - *Dr. Dwight Wolfe*
- Small Animal Tracks:** Clinical management of cesarean sections in the bitch: anesthetic & surgical considerations - *Dr. Will Schultz*
Progesterone assays - *Drs. Bruce Hollett, Carl Pew & Carla Narducci*
Proper semen collection, evaluation, preparation and shipment - *Dr. Jeanine Woods*
Post thaw semen evaluation - *Dr. Cheryl Lopate*
The successful trans-cervical insemination - *Dr. Will Schultz*
Estrus induction - *Drs. Jeanine Woods & Michelle Kutzler*
Ovarian remnant syndrome - *Dr. C. Scott Bailey*
Neonatology - *Drs. Margret Casal & Cindy O'Connor*
Clinical approach to abnormalities of the canine estrous cycle - *Dr. Jeanine Woods*
Which type of AI to perform? *Dr. Will Schultz*
Pregnancy termination options in the dog - *Dr. C. Scott Bailey*
Nutrition in reproduction - *Drs. Todd Anderson & Jo Randall*
Azoospermia and subfertility in the male - *Dr. Beverly Purswell*
Nutraceutical use in reproduction - *Dr. Deirdre Carver-Raffa*
Ovulation timing in the bitch - *Dr. Bruce Christensen*
Pyometra treatment/elective abortion - *Drs. Bruce Hollett & Bruce Eilts*
Ovariectomy in the bitch - *Dr. Walter Threlfall*
Antibiotic and drug use in pregnancy - *Drs. Bruce Christensen & Jo Randall*
Advanced reproductive techniques - embryo collection - *Dr. Cathy Gartley*
Complications, treatments, & anesthesia in gestation - *Dr. Jeanine Woods*
BPH and the role of Prolactin - *Dr. Adria Kukuk*
Legal aspects of reproduction in practice - *Dr. Carl Pew*
Treatment of prostatic disease in the stud dog - *Dr. Bruce Christensen*
General reproductive practice tips - *Drs. Todd Anderson & Dierdre Carver-Raffa*
- Production Animal:** Defining uterine disease in dairy cattle - *Dr. Martin Sheldon*
The causes of uterine disease in dairy cattle - *Dr. Martin Sheldon*
Pregnancy diagnosis comparison of rectal vs. ultrasound vs. Bioprynn
Dr. James Ferguson
Using ultrasound to predict fertility & hormone potpourri for cows and optimizing progesterone before, during and after timed AI - *Dr. Milo Wiltbank*
The mechanisms linking infection and infertility in dairy cows - *Dr. Martin Sheldon*
The treatment of uterine disease in dairy cows - *Dr. Martin Sheldon*
Preventing metritis & metabolic diseases with the transition dry cow nutrition program - Parts I & II - *Dr. Josè Santos*
New outlook on using double protective sheaths to breed dairy cows
Dr. Gustavo Schuenemann
Managing and trouble shooting Ovsynch and employees - *Dr. Michael Overton*
Genomics and its implementation - *Dr. Kent Weigel*
Using clean up bulls in AI herds or Ovsynch - *Dr. Carlos Risco*
- Equine Tracks:** *To Honor Dr. Robert Kenney*
Incest avoidance and other important social behavior phenomena of mammals
Dr. Sue McDonnell
Recognizing and managing problems of the accessory sex glands in the stallion
Dr. Regina Turner
Semen processing for cooled shipment - *Dr. Dickson Varner*
Comparison and evaluation of fertility in natural breeding thoroughbred stallions & stallions bred by AI - *Dr. Charles Love*
Clinical relevance of uterine perfusion in the mare - *Dr. Malgorzata Pozer*
Postpartum septic/toxic metritis in the mare—observation & rationale for treatment
Dr. Terry Blanchard
Treatment of placentitis: where are we now? - *Dr. Margo Macpherson*
Biopsy & vitrification of equine expanded blastocysts - *Dr. Katrin Hinrichs*
General techniques & organization of large commercial embryo transfer programs
Dr. Fernando Riera
Approach to addressing low efficiency in commercial embryo transfer programs
Dr. Fernando Riera
Late gestation pregnancy loss in the mare - *Dr. Pat Sertich*
Round Table Discussion: *Drs. Blanchard, Macpherson, Riera, Hinrichs, Pozor and Sertich*

EARLY REGISTRATION DISCOUNT DEADLINE - JULY 1, 2011
Register online - www.therio.org